

WSC SERIES BATTERY CHARGERS

FEATURES

- Wide input range 100-240VAC / 50-60Hz
- Charger / Power supply function.
- 3 Output banks
- Power factor 0,97
- Half power mode
- Error indication
- Fan speed controlled
- Compact modern design
- 2 year warranty

APPLICATIONS

- Automotive
- Recreational vehicles
- Marine
- Communication sites
- Battery back-up systems
- Autonomous and hybrid (solar) systems

ACCESSORIES:

- Temperature sensor TF-I00
- Remote Controller RC-600 and Digital Remote Control RC-601D

TECHNICAL SPECIFICATIONS



48VDC / 30 Amps

| Model | WSC-4830Li |
|---------------------------------------|---|
| Wide input Voltage range | 120-240Vac (108-264Vac) |
| Wide input frequency range | 50-60Hz |
| Power factor correction | >0.97 |
| Efficiency at 230V AC / 115VAC | >92% / >90% |
| Input Current 230VAC / 115VAC | 8.45A / 17.3A |
| Charging mode | Normal 3-Stage/Equalization 4-Stage/CC/CV |
| Output charging voltage standard mode | 56V/57.6V/59.2V |
| Output float voltage standard mode | 54V/55.2V |
| Output charging voltage Lithium mode | 56.8V/57.6V/58.4V |
| Output float voltage Lithium mode | Non or 55.2V (i.c.w. 58.4V) |
| Output power mode voltage | 52.8V |
| Output charging current | 0-30A |
| Adjustable output charging current | 30, 27, 24 or 21A |
| Equalization mode | 62.0V (0-15A) |
| Half power mode (Silent mode) | 0-15A |
| Battery connection | 3 banks |
| Battery types | Lead-acid/GEL/AGM/LiFePO4 |
| Battery capacity | standard: 300Ah / Lithium: 90-150Ah |
| Operating temperature | -20°C ~ +50°C |
| Storage temperature | -40°C ~ +85°C |
| Air humidity | 10 - 90% |
| Remote control (accessory) | RC-600/RC-601D |

Technical Specifications subject to change without notification.

To view a full selection of Samlex products visit our website at:
www.samlex.com or www.samlex-solar.com

TECHNICAL SPECIFICATIONS

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|--------------------------------------|--|
| Temperature compensation (accessory) | TF-I00 |
| Dimensions LxWxH (mm) | 357 x 220 x 75mm |
| Weight | 3.6Kgs |
| Safety Standard | EN 60335-1 EN 60335-2-29 |
| EMC Standard: EMI | EN 55014-1 EN 61000-3-2 EN 61000-3-3 |
| EMS | EN 55014-2 IEC 61000-4-2,3,4,5,6,11 |
| Protective devices | Short circuit protection Over voltage protection Over current protection Battery charger over temperature Battery over temperature |

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